

PCT/PTC 14 JUN 2005  
ATTORNEY DOCKET NO. 056258-5078-US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

In re Application of	)	
	)	
Inventors: David John MOODY, et al.	)	
	)	
Application No.: 10/512,138	)	Group Art Unit: unassigned
	)	
Filed: October 22, 2004	)	Examiner: unassigned
	)	
For: PROCESS FOR PREPARING	)	
OLIGONUCLEOTIDES	)	

SUPPLEMENTAL DISCLOSURE SUBMISSION

Commissioner of Patents and Trademarks  
U.S. Patent and Trademark Office  
Customer Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Supplementing the applicants' disclosure submission filed on October 22, 2004, the Examiner's attention is called to the patents and publications listed on the attached PTO-1449. The listing includes references cited in U.S. Patent 6,395,642 (which corresponds with WO 01/26692) except for WO 97/27266 which is already of record; and documents cited on pages 7 (the Journal of Applied Polymer Science reference) 9, (WO 99/09041 and its corresponding U.S. Patent 6,506,894 and WO 03/045969, corresponding to PCT/GB02/005177), 11 (WO 99/62922, corresponding to U.S. 6,642,373), and 13 (U.S. 6,096,881 and the Tetrahedron reference) of the applicants' specification. Copies of the listed U.S. patents are not included. The other references cited in 6,395,842 are also not included as copies of these were submitted in said patent. Copies of the other listed references are attached.

Page 10 of the applicants' specification also refers to the textbook "Protective Groups in Organic Synthesis", 1991, 309-345. This textbook reference has not been listed on

1-WA/2268788.1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /O.A./

Attorney Docket No. 056258-5078-US  
Appln. No. 10/512,138

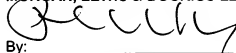
the PTO-1449 and copies of the indicated pages are not included as this is, in essence, general reference material. If, however, the Examiner wants copies of this or anything else which has not been provided, it is requested that the applicants be advised.

The Examiner is requested to consider this submission and the applicants' earlier submission in the examination of this application.

The Examiner's attention is called to the commonly assigned related Application No. 10/512,145.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**



By: \_\_\_\_\_

Paul N. Kokulis  
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Dated: June 14, 2005

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: David John MOODY et al.

Appl. No.: 10/512,138

Filing Date: October 22, 2004

Date: June 14, 2005

Page 1 of 1

Examiner: unassigned

Group Art Unit: unassigned

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 6,395,842 B1	05/2002	Main	525	384	
	BR 6,506,894	01/2003	Reese et al.	536	25.3	
	CR 6,642,373	11/2003	Manoharan et al.	536	25.34	
	DR 6,096,881	8/2000	Han et al.	536	25.3	
	ER 4,908,405	3/1990	Bayer et al.	525	61	
	FR 5,466,758	11/1995	Yoon-Sik et al.	525	386	
	GR					
	HR					
	IR					

## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
	JR WO 99/09041	02/1999	PCT	Reese et al.	C07H	X
	KR WO 99/62922	12/1999	PCT	Caldwell	C07H	X
	LR WO 03/045969	06/2003	PCT	Sinha	C0711	X
	MR WO 01/26692	04/2001	PCT	Bentley et al.	A61K	X

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

NR	Balakrishnan et al., "Particle Size Control in Suspension Copolymerization of Styrene, Chloromethylstyrene, and Divinylbenzene", Journal of Applied Polymer Science, 27:135-138 (1982)	X			
OR	Beaucage et al., "The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications", Tetrahedron Report Number 335, 49:6123-6195 (1993)	X			
PR	Harris, J.M., "Laboratory synthesis of polyethylene glycol derivatives", Journal of Macromolecular Science-Reviews in Macromolecular Chemistry, Vol. C-25, No. 3, pp. 325-373 (January 1, 1985)		X		
QR	Hiratani et al., "Preparation and Catalytic Behaviour of Polymers with Pendant Oligoethyleneoxy-groups (Polymers of Non-cyclic Crown Ethers)", Israel Journal of Chemistry, 18:208-213 (1979)		X		
RR					
SR					
TR					

Examiner /O.A./ /Olga Asinovsky/

Date Considered: 08/22/2005

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /O.A./